

Hollinger Public Blast Report



Blast Pattern: 3334_091, 3322_037, 3322_038PS
Date: 24-Dec-19
Blast Time: 11:45
Blast Sign Activation: 7:21
Website Notification Time: 7:11

Blast Conditions

Ceiling Height: 16076 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 9 km/hr
Wind Direction: SE
Temperature: -9.3 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L_{Aeq}	L_{peak} dB
Comfort Inn:	51.0 LAeq	105.3 dB
Edwards:	41.8 LAeq	96.5 dB
Fred:	38.7 LAeq	97.2 dB
Hollinger Office:	49.9 LAeq	110.4 dB
Noah:	58.4 LAeq	115.8 dB
Sandy:	41.3 LAeq	109.2 dB
Water Tower:	42.7 LAeq	124.8 dB
Wilson:	50.8 LAeq	105.8 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.2	6.7	4.4	6.9
Edwards:	2.1	2.4	7.4	9.4
Hollinger Office:	1.9	2.3	4.7	6.6
Sandy:	3.7	4.1	4.7	5.0

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	1.6	4.0
Edwards:	1.0	2.2
Hollinger Office:	8.3	15.3
Sandy:	3.0	7.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.0	1.0	1.4
Edwards:	0.2	0.3	0.3
Hollinger Office:	1.4	1.1	2.1
Hollinger West:	0.5	0.5	1.1
Imerys:	1.6	0.9	2.5
Noah:	3.3	1.6	2.9
Moneta Pumping Station:	1.3	1.3	1.2
Sandy:	2.7	2.5	2.3
Water Tower:	0.8	0.6	1.2
Wilson:	2.6	2.2	4.6